



South Coast Air Quality Management District

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May 14, 2014

COMPLIANCE ADVISORY NOTICE

**Important Notice to All Owners/Operators
of Equipment Subject to SCAQMD Rule 1147**

Approaching Deadline

JULY 1, 2014 Nitrogen Oxides Limit

South Coast Air Quality Management District (SCAQMD) **Rule 1147**¹ (Nitrogen Oxides Reduction from Miscellaneous Sources) applies to small and medium sized combustion equipment using gaseous or liquid fuels that require an SCAQMD permit. This includes:

- Ovens
- Dryers
- Dehydrators
- Heaters
- Kilns
- Calciners
- Furnaces
- Crematories
- Incinerators
- Heated Pots
- Cookers, roasters, and fryers
- Closed and open heated tanks and evaporators
- Distillation units
- Afterburners
- Degassing units
- Vapor incinerators
- Catalytic or thermal oxidizers
- Absorption chillers
- Soil and water remediation units

Rule 1147 does not apply to combustion equipment operated at RECLAIM facilities and to boilers, steam generators, process heaters and water heaters subject to SCAQMD Rules 1146, 1146.1 or 1146.2.

Effective July 1, 2014, operators of equipment listed in Tables 1 and 2 of Rule 1147 with a manufacture date prior to 1998 must comply with the Nitrogen Oxides (NOx) emission limits in Table 1.

Also listed in Tables 1 and 2 of Rule 1147 are pressure washers and food ovens (including ovens, dryers, smokers, and roasters). Rule 1147 no longer applies to pressure washers because this equipment is now included in Rule 219 – Equipment Not Requiring a Written Permit Pursuant to Regulation II, and Rule 222 – Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II. Food ovens will be subject to Proposed Rule 1153.1. Proposed Rule 1153.1 is up for adoption; and if Proposed Rule 1153.1 is adopted, food ovens will no longer be regulated under Rule 1147.

Rule 1147 combustion equipment rated less than or equal to 400,000 BTU/hour are eligible for a five year delay of the July 1, 2014 compliance date provided there is documented emissions of one pound per day or less of NOx. To obtain this delay you must document that a unit's emissions are 1 pound per day or less by maintaining daily records of operating hours or fuel use for each unit (see reverse side for examples).

For information regarding permit application and compliance requirements for equipment covered by Rule 1147, please call (909) 396-2000 and ask to be transferred to the engineering or compliance team responsible for evaluating your type of equipment. For general questions regarding Rule 1147 requirements, please contact Wayne Barcikowski at (909) 396-3077.

¹ Rule 1147 can be accessed at <http://www.aqmd.gov/rules/reg/reg11/r1147.pdf>.

Example 1: Sample Daily Record of Operating Hours to demonstrate compliance with Rule 1147:

Daily Operating Hours for Equipment Subject to Rule 1147																
Unit#:				Month:				Year: 20__								
Week	SUN		MON		TUE		WED		THU		FRI		SAT		WEEK TOTAL	
	H	M	H	M	H	M	H	M	H	M	H	M	H	M	H	M
1	*	*	*	*	*	*	*	*	*	*	*	*	2	00	2	00
2	0	00	5	30	6	20	5	00	5	00	5	00	3	00	29	50
3	0	00	3	00	4	45	4	00	3	15	3	00	0	00	17	60
4	0	00	2	30	4	00	5	15	4	00	3	00	0	00	18	45
5	0	00	2	00	3	45	3	00	4	00	3	30	0	00	15	75
6	0	00	4	30	*	*	*	*	*	*	*	*	*	*	4	30
HOURS	0		16		17		17		16		14		5		85	
MINUTE S		00		90		110		15		15		30		00		260
[Unit] or [Facility] Gas Meter reading on Last Day of this Month = A = _____ [Unit] or [Facility] Gas Meter reading on Last Day of previous Month = B = _____ Gas Usage for this month = (A - B) = _____												Month Total ↓ TOTAL TIME THIS MONTH 89 20				

Example 2: Sample Daily Record of Fuel Use (Gas) to demonstrate compliance with Rule 1147:

Daily Fuel Use for Equipment Subject to Rule 1147								
Unit#:			Month:				Year:	
Week	SUN	MON	TUE	WED	THU	FRI	SAT	WEEK TOTAL
1	*	*	*	*	*	*		
2								
3								
4								
5								
6			*	*	*	*	*	
[Unit] or [Facility] Gas Meter reading on Last Day of this Month = A = _____ [Unit] or [Facility] Gas Meter reading on Last Day of previous Month = B = _____ Gas Usage for this month = (A - B) = _____							Month Total ↓ =	